

REMARKS

Applicant acknowledges the Office Action of 16 JUN. 2006 and requests reconsideration of the application, as amended.

Responsive to Paragraph 2 of the Action, claim 6 has been revised to depend from claim 1 (as amended) because the feature of claim 3 (from which claim 6 originally depended) has been incorporated into claim 1.

Responsive to Paragraphs 13-14, indicating that claims 3 and 12 would be allowable if rewritten in independent form, this has been done, in effect, by incorporating the features of claims 2 & 3 into main claim 1, and adding a new second independent claim 14 which incorporates the features of claims, 1, 4, 6, 11 and 12. The dependency of the remaining claims has been revised accordingly: dependent claims 4, 5, 6, 8, and 9-13 now depend directly or indirectly from the combined 1-2-3 claim, while dependent claims 2, 3 and 7 depend from the combined 1-4-6-11-12 claim.

THE CITED ART

SHIBATA (USP 5,925,953) shows, in FIG. 1, a series connection of 3 resolvers 60, 62, 64. In contrast to the present invention, these resolvers work with coils, in which voltages are induced while a resolver rotates. However, since the present invention uses magneto-resistive sensors (see, e.g., claims 5 & 7), it can generate useful orientation signals, even when no parts are moving. Therefore, the present invention provides greater functionality.

In view of the indication in paragraphs 13-14 of allowable subject-matter, no further analysis of the NAGANO, CHAPARALA, MATSUURA, and LOHBERG references is believed necessary.

S.N. 10/671,909

If the Examiner detects any remaining informalities, or wishes to make any suggestions to place the application in condition for allowance, a telephone call to Applicant's counsel is invited. Passage to allowance is solicited.

Respectfully submitted,

/Milton M. Oliver/

Milton Oliver, Reg. No. 28,333
WARE FRESSOLA VDS & ADOLPHSON
CUSTOMER NUMBER 4955
TEL: 203-261-1234
FAX: 203-261-5676

/WP51/MMO/AMEND/8703-161.AM3 & SERVER1/MMO3/PAT-PAPST/8703-161-AM3.PDF